

# Technical Data

Pump Name

EVMSG1 14N5Q1BEG/0.75

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

## Requested data

|   |                           |                          |                    |          |
|---|---------------------------|--------------------------|--------------------|----------|
| 1 | Pump type                 | VERTICAL MULTISTAGE PUMP | Fluid              | Water    |
| 2 | Number of pumps / Reserve | 1 / 0                    | Liquid temperature | °C       |
| 3 | Flow                      | m³/h                     | Kin. viscosity     | mm²/s    |
| 4 | Head                      | m                        | Vapour pressure    | bar      |
| 5 | Geodetic head             | m                        | PH value           |          |
| 6 | Inlet pressure (pin)      | bar                      | Density            | kg/m³    |
| 7 | Available system NPSH     |                          | Solids             | Weight % |
| 8 | Ambient temperature       | °C                       |                    |          |

## Pump

|    |                      |                          |                                   |                        |           |      |
|----|----------------------|--------------------------|-----------------------------------|------------------------|-----------|------|
| 9  | Pump Name            | EVMSG1 14N5Q1BEG/0.75    | Frequency                         | Hz                     | 50        |      |
| 10 | Design               | VERTICAL MULTISTAGE PUMP | Installation type                 | Oval flange (STANDARD) |           |      |
| 11 | Manufacturer         | EBARA                    | Impeller Diameter                 | Max.                   | mm        |      |
| 12 | Speed                | rpm                      |                                   | 2850                   | Designed  | mm   |
| 13 | No. of Stage         |                          |                                   | 14                     | Min.      | mm   |
| 14 | Connection           | Suction side             | Flow                              | Operating              | m³/h      |      |
| 15 | Connection           | Discharge side           |                                   | Max-                   | m³/h      | 2.4  |
| 16 | Max Working Pressure | bar                      |                                   | 16                     | Min-      | m³/h |
| 17 | Shut-off head        | bar                      | 7.89                              | Head                   | Operating | m    |
| 18 | Total weight         | kg                       | See the table of "Dimensions".    |                        | - (Qmax.) | m    |
| 19 | Shaft power          | kW                       |                                   |                        | - (Qmin.) | m    |
| 20 |                      |                          | Max. Shaft Power at max. impeller | kW                     | 0.58      |      |
| 21 | Required pump NPSH   | m                        | Efficiency                        | %                      |           |      |

## Materials

|    |                     |           |  |  |
|----|---------------------|-----------|--|--|
| 22 | Impeller            | AISI 304  |  |  |
| 23 | Intermediate casing | AISI 304  |  |  |
| 24 | Bottom casing       | Cast iron |  |  |
| 25 | Shaft               | AISI 304  |  |  |
| 26 | O-ring              | EPDM      |  |  |
| 27 |                     |           |  |  |

## Motor

|    |                      |                                    |                  |                  |    |
|----|----------------------|------------------------------------|------------------|------------------|----|
| 28 | Manufacturer         | ETM                                | Insulation class | F                |    |
| 29 | Type                 | TEFC_EVMS1 14/0.75_230_Three Phase | Phases           | 3~               |    |
| 30 | Specific design      | IE3 / 50 Hz / Pole pairs 1         | Frame size       | 80               |    |
| 31 | Rated power          | kW                                 | 0.75             | Weight           | kg |
| 32 | Number of poles      |                                    | 2                | Electric voltage | V  |
| 33 | Speed                | rpm                                | 2845             | Electric current | A  |
| 34 | Degree of protection |                                    | IP 55            |                  |    |
| 35 |                      |                                    |                  |                  |    |

## Remarks

# Performance Curve

Pump Name

EVMSG1 14N5Q1BEG/0.75

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

## Requested data

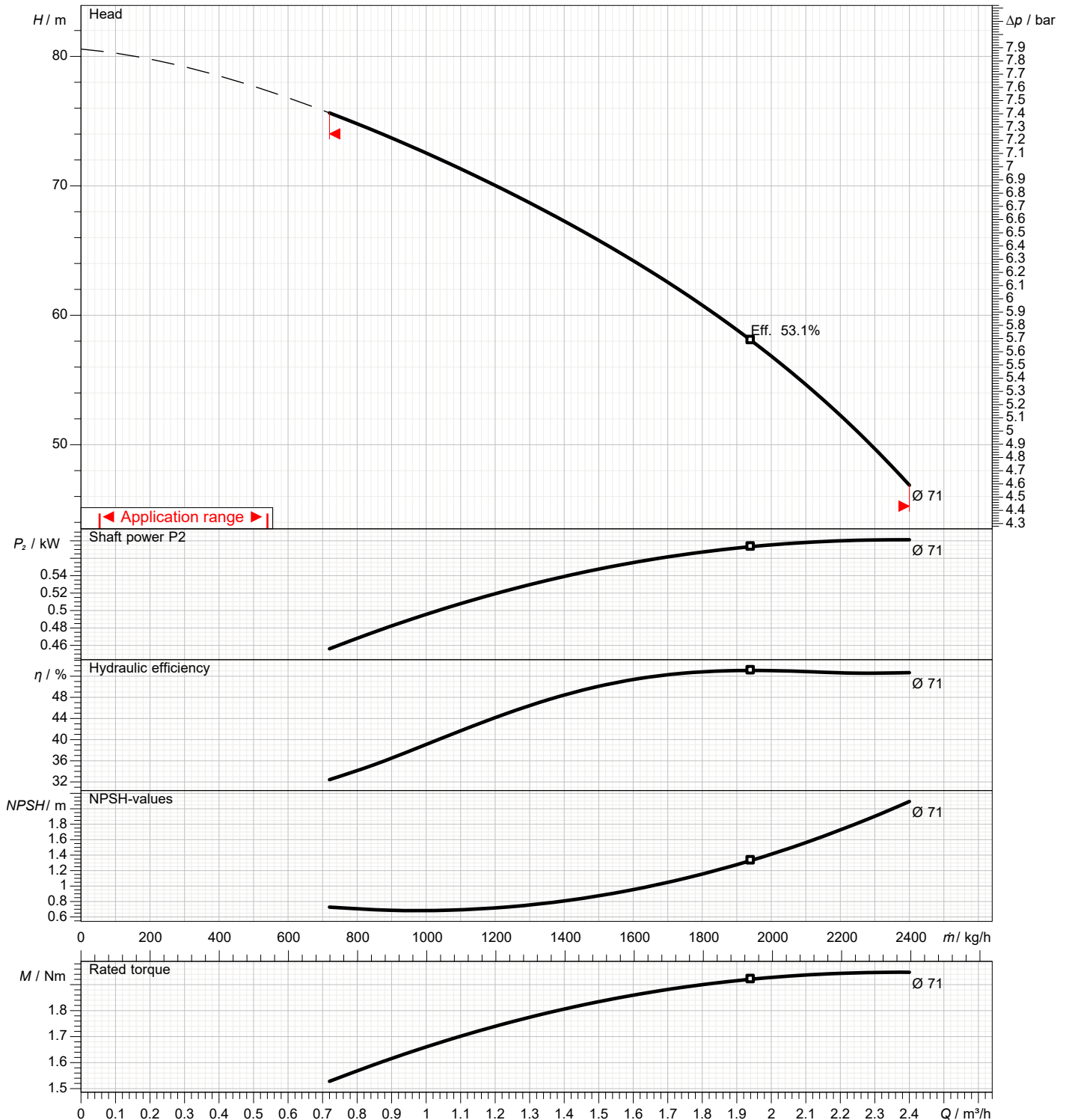
|   |               |      |  |
|---|---------------|------|--|
| 1 | Flow          | m³/h |  |
| 2 | Head          | m    |  |
| 3 | Geodetic head | m    |  |

## Pump

|                            |      |    |                 |     |      |
|----------------------------|------|----|-----------------|-----|------|
| Operating flow             | m³/h |    | Frequency       | Hz  | 50   |
| Operating head             | m    |    | Number of poles |     | 2    |
| Impeller diameter designed | mm   | 71 | Speed           | rpm | 2850 |

Test standard: ISO 9906:2012 - Grade3B

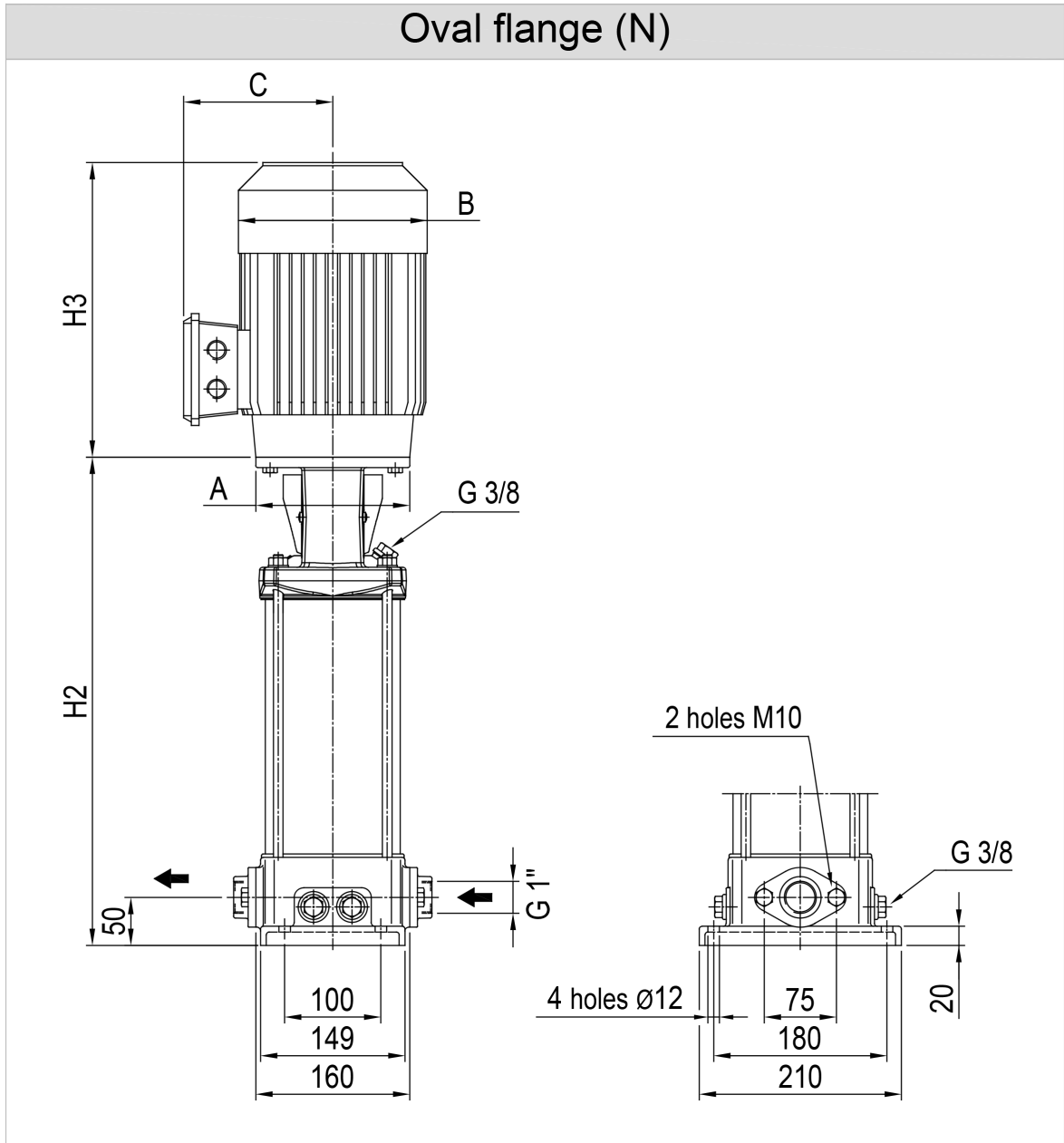
Water; 20°C; 998.3kg/m³; 1mm²/s



# Dimensions

Pump name EVMSG1 14N5Q1BEG/0.75

|          |  |           |
|----------|--|-----------|
| Customer | Date 2024-06-14                                  | Company   |
| Contact  | Item no.   | Issued by |
| Phone    | Project  | Phone     |
| E-mail   | Project ID Proiect redenumit 2024-06-14 15:41:37 | E-mail    |



| Dimensions in |                 | mm     |  |  |  |  |  |  |
|---------------|-----------------|--------|--|--|--|--|--|--|
| 1             | A               | Dia120 |  |  |  |  |  |  |
| 2             | B               | 141    |  |  |  |  |  |  |
| 3             | C               | 102    |  |  |  |  |  |  |
| 4             | H2              | 512    |  |  |  |  |  |  |
| 5             | H3              | 233    |  |  |  |  |  |  |
| 6             | Weight P&M (kg) | 28.5   |  |  |  |  |  |  |
| 7             |                 |        |  |  |  |  |  |  |
| 8             |                 |        |  |  |  |  |  |  |
| 9             |                 |        |  |  |  |  |  |  |
| 10            |                 |        |  |  |  |  |  |  |
| 11            |                 |        |  |  |  |  |  |  |
| 12            |                 |        |  |  |  |  |  |  |
| 13            |                 |        |  |  |  |  |  |  |
| 14            |                 |        |  |  |  |  |  |  |
| 15            |                 |        |  |  |  |  |  |  |

(1/4)

# Construction

Pump name EVMSG1 14N5Q1BEG/0.75

|          |  |           |
|----------|--|-----------|
| Customer | Date 2024-06-14                                  | Company   |
| Contact  | Item no.   | Issued by |
| Phone    | Project  | Phone     |
| E-mail   | Project ID Proiect redenumit 2024-06-14 15:41:37 | E-mail    |



**(2/4)****Construction****Pump name** EVMSG1 14N5Q1BEG/0.75

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

| N°     | PART NAME                        | MATERIAL<br>EVMSG                     | DIMENSIONS                                    | STANDARD                               |
|--------|----------------------------------|---------------------------------------|---|--|
| 4      | Casing cover                     | EN 1.4301 (AISI 304)                  |   |  |
| 5-1    | Suction casing                   | EN 1.4301 (AISI 304)                  |   |  |
| 5-2    | Intermediate casing              | EN 1.4301 (AISI 304)                  |   |  |
| 5-3    | Intermediate casing with bearing | EN 1.4301 (AISI 304)                  |   |  |
| 5-4    | Discharge casing                 | EN 1.4301 (AISI 304)                  |   |  |
| 6      | Bottom casing                    | Cast Iron EN GJL-250-EN1561           |   |  |
| 7      | Outer casing                     | EN 1.4301 (AISI 304)                  |   |  |
| 21     | Impeller                         | EN 1.4301 (AISI 304)                  |   |  |
| 31     | Shaft                            | EN 1.4301 (AISI 304)                  |   |  |
| 32-1   | Adjuster key                     | EN 1.4301 (AISI 304)                  |   |  |
| 43-2   | Shaft sleeve (intermediate)      | EN 1.4301 (AISI 304)                  |   |  |
| 43-3   | Shaft sleeve (bearing)           | EN 1.4301 (AISI 304)                  |   |  |
| 43-5   | Shaft sleeve (last stage)        | EN 1.4301 (AISI 304)                  |   |  |
| 43-7   | Spacer                           | EN 1.4301 (AISI 304)                  |   |  |
| 44-1   | Shaft sleeve bearing             | Tungsten carbide                      |   |  |
| 46     | Ring (mechanical seal)           | EN 1.4404 (AISI 316L)                 |   |  |
| 47     | Ring holder                      | EN 1.4404 (AISI 316L)                 |   |  |
| 48     | Impeller nut                     | EN 1.4301 (AISI 304) with inox insert | M8  |  |
| 52-1   | Sleeve bearing                   | Tungsten carbide                      |   |  |
| 75     | O-Ring (priming plug)            | EPDM / FPM *                          | Ø12.37x2.62                                   | OR 3050                                |
| 75-1   | O-Ring (drainage plug)           | EPDM / FPM *                          |   |  |
| 107    | Liner ring                       | EN 1.4301 (AISI 304) + PPS            |   |  |
| 111    | Mechanical seal                  | - - - **                              |   |  |
| 111-3  | Mechanical seal seat             | EN 1.4308 (ASTM CF8)                  |   |  |
| 111-4  | Seal holder                      | EN 1.4301 (AISI 304)                  |   |  |
| 111-5  | Mechanical seal cartridge sleeve | EN 1.4301 (AISI 304)                  |   |  |
| 115-1  | O-Ring (outer casing)            | EPDM / FPM *                          | Ø129.54x5.34                                  | OR 6945                                |
| 115-4  | O-Ring (cartridge sleeve)        | EPDM / FPM *                          | Ø11.91x2.62                                   | OR 4093                                |
| 115-5  | O-Ring (seal flange)             | EPDM / FPM *                          | Ø32.99x2.62                                   | OR 4175                                |
| 117    | Flange gasket                    | EPDM / FPM *                          |   |  |
| 120-1  | Tie-rod                          | EN 1.4057 (AISI 431)                  | M10   |  |
| 120-3  | Screw (seal flange)              | A2-70                                 | M4x10   | ISO 4762                               |
| 120-6  | Screw (pump coupling)            | Galvanized steel                      | M6x25   | ISO 4762                               |
| 120-11 | Screw (counterflange)            | A2-70                                 |   |  |
| 120-13 | Screw for motor                  | MEC 71-80<br>MEC 90                   | Galvanized steel 8.8 strength class ISO 898/1 | M6x20<br>ISO 4017<br>M8x20<br>ISO 4017 |
| 128-1  | Nut (tie rod)                    | A2-70                                 | M10   | ISO 4032                               |
| 128-6  | Nut (aluminium coupling)         | MEC 71-80-90                          | Galvanized steel                              | M6<br>ISO 4032                         |
| 130-1  | Set screw                        | EN 1.4301 (AISI 304)                  | M5x8  | ISO 4026                               |
| 130-2  | Screw for coupling guard         | A2-70                                 | M5x6  | UNI 7687                               |
| 131-1  | Pin for shaft                    | Carbon Steel                          | Ø4x32   | ISO 2338                               |
| 135-1  | Washer (tie rod)                 | EN 1.4301 (AISI 304)                  | Ø10.5x21x2                                    | ISO 7089                               |
| 135-6  | Washer (aluminium coupling)      | up to 4.0 kW                          | Carbon Steel                                  | Ø6                                     |
| 137-1  | Impeller spacer                  | EN 1.4301 (AISI 304)                  |   |  |
| 140    | Coupling                         | up to 4.0 kW                          | Die cast Aluminium EN AB-AISI11Cu2 (Fe)       |  |
| 162    | Motor bracket                    | Cast iron EN-GJL-250                  |   |  |
| 212    | Priming plug                     | EN 1.4301 (AISI 304)                  | G 3/8   |  |
| 212-1  | Drainage plug                    | EN 1.4301 (AISI 304)                  | G 3/8   |  |
| 212-2  | Venting plug                     | EN 1.4404 (AISI 316L)                 |   |  |
| 219    | Counter flange                   | Galvanized steel                      |   |  |
| 245    | Coupling guard                   | EN 1.4301 (AISI 304)                  |   |  |
| 273-1  | Washer (drainage plug)           | EN 1.4301 (AISI 304)                  |   |  |

\* EPDM (standard)  
FPM (option)

\*\* see CONSTRUCTION 4/4

(3/4)

# Construction

Pump name EVMSG1 14N5Q1BEG/0.75

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |

| Pump Type      | N° |     |    |    |    |   |   |    |    |      |      |      |      |      |      |    |    |    |      |    |      |     |     |       |       |       |       |       |       |
|----------------|----|-----|----|----|----|---|---|----|----|------|------|------|------|------|------|----|----|----|------|----|------|-----|-----|-------|-------|-------|-------|-------|-------|
|                | 4  | 5-1 | 52 | 53 | 54 | 6 | 7 | 21 | 31 | 32-1 | 43-2 | 43-3 | 43-5 | 43-7 | 44-1 | 46 | 47 | 48 | 52-1 | 75 | 75-1 | 107 | 111 | 111-3 | 111-4 | 111-5 | 115-1 | 115-4 | 115-5 |
| EVMSG1 2/0.37  | 1  | 1   | /  | 1  | 1  | 1 | 1 | 2  | 1  | 1    | 1    | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 2   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 3/0.37  | 1  | 1   | 1  | 1  | 1  | 1 | 1 | 3  | 1  | 1    | 3    | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 3   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 4/0.37  | 1  | 1   | 2  | 1  | 1  | 1 | 1 | 4  | 1  | 1    | 5    | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 4   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 5/0.37  | 1  | 1   | 3  | 1  | 1  | 1 | 1 | 5  | 1  | 1    | 7    | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 5   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 6/0.37  | 1  | 1   | 4  | 1  | 1  | 1 | 1 | 6  | 1  | 1    | 9    | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 6   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 7/0.37  | 1  | 1   | 5  | 1  | 1  | 1 | 1 | 7  | 1  | 1    | 11   | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 7   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 8/0.37  | 1  | 1   | 6  | 1  | 1  | 1 | 1 | 8  | 1  | 1    | 13   | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 8   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 9/0.55  | 1  | 1   | 7  | 1  | 1  | 1 | 1 | 9  | 1  | 1    | 15   | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 9   | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 10/0.55 | 1  | 1   | 8  | 1  | 1  | 1 | 1 | 10 | 1  | 1    | 17   | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 10  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 11/0.55 | 1  | 1   | 9  | 1  | 1  | 1 | 1 | 11 | 1  | 1    | 19   | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 11  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 12/0.55 | 1  | 1   | 10 | 1  | 1  | 1 | 1 | 12 | 1  | 1    | 21   | 1    | /    | /    | 1    | 2  | 1  | 1  | 1    | 1  | 4    | 12  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 13/0.55 | 1  | 1   | 10 | 2  | 1  | 1 | 1 | 13 | 1  | 1    | 20   | 2    | 1    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 13  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 14/0.75 | 1  | 1   | 11 | 2  | 1  | 1 | 1 | 14 | 1  | 1    | 22   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 14  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 16/0.75 | 1  | 1   | 13 | 2  | 1  | 1 | 1 | 16 | 1  | 1    | 26   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 16  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 18/1.1  | 1  | 1   | 15 | 2  | 1  | 1 | 1 | 18 | 1  | 1    | 30   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 18  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 20/1.1  | 1  | 1   | 17 | 2  | 1  | 1 | 1 | 20 | 1  | 1    | 34   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 20  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 22/1.1  | 1  | 1   | 19 | 2  | 1  | 1 | 1 | 22 | 1  | 1    | 38   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 22  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 24/1.1  | 1  | 1   | 21 | 2  | 1  | 1 | 1 | 24 | 1  | 1    | 42   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 24  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 26/1.1  | 1  | 1   | 23 | 2  | 1  | 1 | 1 | 26 | 1  | 1    | 46   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 26  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 27/1.5  | 1  | 1   | 24 | 2  | 1  | 1 | 1 | 27 | 1  | 1    | 48   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 27  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 29/1.5  | 1  | 1   | 26 | 2  | 1  | 1 | 1 | 29 | 1  | 1    | 52   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 29  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 32/1.5  | 1  | 1   | 29 | 2  | 1  | 1 | 1 | 32 | 1  | 1    | 58   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 32  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 34/1.5  | 1  | 1   | 31 | 2  | 1  | 1 | 1 | 34 | 1  | 1    | 62   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 34  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 37/2.2  | 1  | 1   | 34 | 2  | 1  | 1 | 1 | 37 | 1  | 1    | 68   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 37  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |
| EVMSG1 39/2.2  | 1  | 1   | 36 | 2  | 1  | 1 | 1 | 39 | 1  | 1    | 72   | 2    | /    | 1    | 2    | 2  | 1  | 1  | 2    | 1  | 4    | 39  | 1   | 1     | 1     | 1     | 2     | 1     | 1     |

| Pump Type      | N°   |       |       |       |         |        |       |       |       |       |       |       |       |       |     |     |     |       |       |      |     |       |
|----------------|------|-------|-------|-------|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-------|-------|------|-----|-------|
|                | 117* | 120-1 | 120-3 | 120-6 | 120-11* | 120-13 | 128-1 | 128-6 | 130-1 | 130-2 | 131-1 | 135-1 | 135-6 | 137-1 | 140 | 162 | 212 | 212-1 | 212-2 | 219* | 245 | 273-1 |
| EVMSG1 2/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 3/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 4/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 5/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 6/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 7/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 8/0.37  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 9/0.55  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 10/0.55 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 11/0.55 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 12/0.55 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 13/0.55 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 14/0.75 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 16/0.75 | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 18/1.1  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 20/1.1  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 22/1.1  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 24/1.1  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 26/1.1  | 2    | 4     | 4     | 4     | 4       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | 2    | 2   | 4     |
| EVMSG1 27/1.5  | /    | 4     | 4     | 4     | /       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | /    | 2   | 4     |
| EVMSG1 29/1.5  | /    | 4     | 4     | 4     | /       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | /    | 2   | 4     |
| EVMSG1 32/1.5  | /    | 4     | 4     | 4     | /       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | /    | 2   | 4     |
| EVMSG1 34/1.5  | /    | 4     | 4     | 4     | /       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | /    | 2   | 4     |
| EVMSG1 37/2.2  | /    | 4     | 4     | 4     | /       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | /    | 2   | 4     |
| EVMSG1 39/2.2  | /    | 4     | 4     | 4     | /       | 4      | 4     | 4     | 3     | 4     | 1     | 4     | 4     | 1     | 2   | 1   | 1   | 4     | 1     | /    | 2   | 4     |

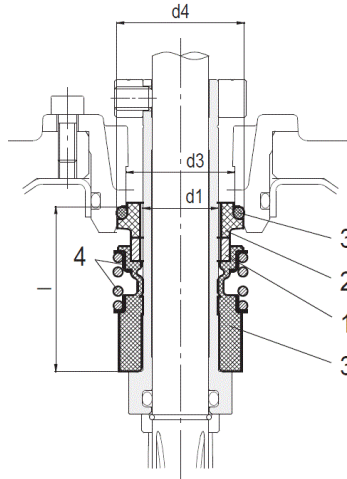
\* only for Oval flange (N)

(4/4)

# Construction

Pump name EVMSG1 14N5Q1BEG/0.75

|          |            |                                       |           |
|----------|------------|---------------------------------------|-----------|
| Customer | Date       | 2024-06-14                            | Company   |
| Contact  | Item no.   |                                       | Issued by |
| Phone    | Project    |                                       | Phone     |
| E-mail   | Project ID | Proiect redenumit 2024-06-14 15:41:37 | E-mail    |



up to 16 bar  
Cartridge Unbalanced type

| Type key | Availability | Max operating pressure | Max operating temperature | Shaft seal type |      | Shaft seal material |      |                      |      |                 |      |                         |             |
|----------|--------------|------------------------|---------------------------|-----------------|------|---------------------|------|----------------------|------|-----------------|------|-------------------------|-------------|
|          |              |                        |                           | Type            | Code | 1<br>Rotating part  | Code | 2<br>Stationary part | Code | 3<br>Elastomers | Code | 4<br>Compression spring | 5<br>Collar |
| Q1BEG    | ●            | 16 bar                 | - 30°C to + 120°C         | Unbalanced      | (-)  | SIC                 | (Q1) | Carbon               | (B)  | EPDM            | (E)  | AISI 316                | (G)         |

| Pump model    | Shaft seal type |            | Max operating pressure | d1 [mm] | d2 [mm] | d3 [mm] | d4 [mm] | l [mm] |
|---------------|-----------------|------------|------------------------|---------|---------|---------|---------|--------|
| EVMS 1/3/5    | Cartridge       | Unbalanced | 16 bar                 | 16      | -       | 23      | 27      | 35     |
|               |                 | Balanced   | 25 bar                 |         | 20      |         |         | 42.5   |
| EVMS 10/15/20 | Cartridge       | Unbalanced | 16 bar                 | 20      | -       | 29      | 35      | 37.5   |
|               |                 | Balanced   | 25 bar                 |         | 24      |         |         | 45     |